

SYSTEM **P**LANNING & **A**NALYSIS **R**EPORT

S-17

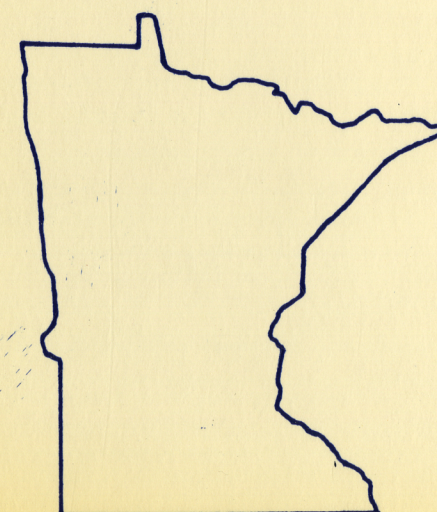
TH 56

LINDEN STREET TO CSAH 26

S. P. 1912-14

JULY, 1970

PREPARED BY
OFFICE OF SYSTEM PLANNING



**MINNESOTA
DEPARTMENT
OF HIGHWAYS**

DEPARTMENT HIGHWAY - Statewide Plan. - Rm. 807

Office Memorandum

TO : Paul G. Velz
Road Design Engineer

DATE: 7/9/70

FROM : Morris Gildemeister, Chief
Statewide Planning Section

SUBJECT: T. H. 56, Linden Street to CSAH 26
S. P. 1912-14
System Planning & Analysis Report S-17

The Statewide Planning Section transmits this report in response to C. A. Siggerud's May 5, 1970 request for the 1985 ADT, DHV, and HCADT for the project location shown on the map on page 2.

The estimated 1985 ADT volumes are shown on the map on page 3.

For each segment numbered on the map on page 3, the following data are tabulated on page 4:

- (a) Total ADT
- (b) Vehicle Type Distribution
- (c) Total HCADT

Segment 1, with a 1985 One Way ADT of 6900, has the highest ADT on the project section of T. H. 56. This segment has a 1968 One Way ADT of 5500 vehicles.

The basic data, method, and assumptions used to prepare this report are presented on page 5.

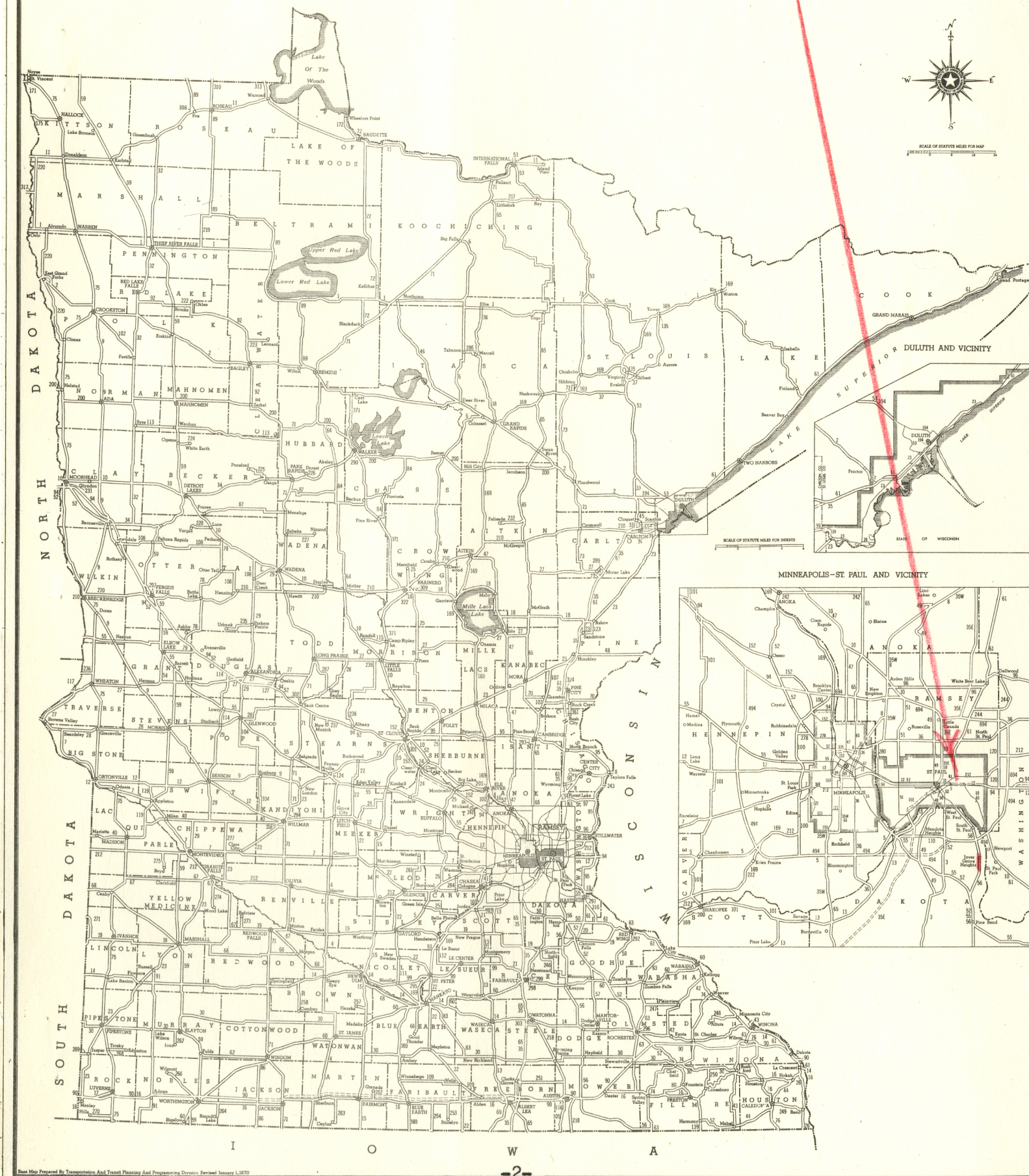
Morris Gildemeister

Morris Gildemeister, Chief
Statewide Planning Section

WF

STATE OF MINNESOTA
DEPARTMENT OF HIGHWAYS
WORK MAP

Project Location
S. P. 1912-14



Map Prepared By Transportation And Transit Planning And Programming Division Revised January 1, 1970

- 3 -



TRAFFIC ESTIMATE DATA

DESIGN YEAR 1985 PART 1 OF 1

FOR

T.H. 56 S.P. 1912-14 LENGTH MILES
COUNTY Dakota LOCATION Linden Street to CSAH 26

BASED ON

1985 ADT FROM TRAFFIC ANALYSIS UNIT

SHOWING

TOTAL ADT ON SEGMENTS 1 THROUGH 7 AS
DEFINED ON ATTACHED INDEX MAP

VEHICLE # TYPE	SEGMENT NUMBER									
	1	2	3	4	5	6	7			
0	6581	902	5679	5295	4909	2416	3475			
1	167	46	121	111	104	37	75			
2	53	9	44	41	38	27	16			
3	13	5	8	7	7	4	4			
4	15	7	8	8	7	2	6			
5	38	12	26	25	23	6	18			
6	33	19	14	13	12	8	6			
TOTAL ADT	6900	1000	5900	5500	5100	2500	3600			
TOTAL H. COMM. ADT	319	98	221	205	191	84	125			
TOTAL DHV										
DIRECTIONAL DISTRIBUTION										

* VEHICLE TYPE CODE

- 0 = PASSENGER CARS AND 4 TIRE TRUCKS
1 = SINGLE UNIT-2 AXLE-6 TIRE TRUCKS
2 = SINGLE UNIT-3 AXLE TRUCKS
3 = TRACTOR-TRUCK OR SEMI-TRAILER- 3 AXLES
- 4 = TRACTOR-TRUCK OR SEMI-TRAILER - 4 AXLES
5 = TRACTOR-TRUCK OR SEMI-TRAILER - 5 AXLES
6 = BUSES AND TRUCKS WITH TRAILERS

Basic Data, Methods, and Assumptions

The 1985 ADT and DHV was reported in System Planning & Analysis Report M-21 transmitted on May 21, 1970.

Total heavy commercial ADT agrees with System 14 Heavy Truck ADT Study.

The total heavy commercial ADT was distributed by vehicle type for each segment shown on the page 3 map.

The 1990 volumes may be obtained by expanding the enclosed figures by approximately 15%.